

Title (en)  
 IMAGE PREDICTION/ENCODING DEVICE, IMAGE PREDICTION/ENCODING METHOD, IMAGE PREDICTION/ENCODING PROGRAM, IMAGE PREDICTION/DECODING DEVICE, IMAGE PREDICTION/DECODING METHOD, AND IMAGE PREDICTION DECODING PROGRAM

Title (de)  
 EINRICHTUNG, VERFAHREN UND PROGRAMM ZUR BILDPRÄDIKTION/-CODIERUNG, EINRICHTUNG, VERFAHREN UND PROGRAMM ZUR BILDPRÄDIKTION/-DECODIERUNG

Title (fr)  
 DISPOSITIF DE PRÉDICTION/CODAGE D'IMAGE, PROCÉDÉ DE PRÉDICTION/CODAGE D'IMAGE, PROGRAMME DE PRÉDICTION/CODAGE D'IMAGE, DISPOSITIF DE PRÉDICTION/DÉCODAGE D'IMAGE, PROCÉDÉ DE PRÉDICTION/DÉCODAGE D'IMAGE, ET PROGRAMME DE PRÉDICTION/DÉCOD

Publication  
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Application  
**EP 08740053 A 20080408**

Priority

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Abstract (en)  
 [origin: EP2154901A1] An objective is to provide an image predictive encoding device, image predictive encoding method, image predictive encoding program, image predictive decoding device, image predictive decoding method, and image predictive decoding program for selecting a plurality of candidate prediction signals, without increase in information amount. A weighting unit 234 and an adder 235 process pixel signals extracted by a prediction adjacent region extractor 232 by a predetermined synthesis method, for example, by averaging to generate a comparison signal to an adjacent pixel signal for each combination. A comparison-selection unit 236 selects a combination with a high correlation between the comparison signal generated by the weighting unit 234 and others and the adjacent pixel signal acquired by a target adjacent region extractor 233. A prediction region extractor 204, weighting unit 205, and adder 206 generate candidate prediction signals and process them by a predetermined synthesis method to generate a prediction signal.

IPC 8 full level  
**H04N 19/105** (2014.01); **H04N 19/107** (2014.01); **H04N 19/11** (2014.01); **H04N 19/134** (2014.01); **H04N 19/137** (2014.01); **H04N 19/176** (2014.01); **H04N 19/189** (2014.01); **H04N 19/192** (2014.01); **H04N 19/196** (2014.01); **H04N 19/423** (2014.01); **H04N 19/46** (2014.01); **H04N 19/50** (2014.01); **H04N 19/503** (2014.01); **H04N 19/51** (2014.01); **H04N 19/523** (2014.01); **H04N 19/593** (2014.01); **H04N 19/61** (2014.01); **H04N 19/625** (2014.01); **H04N 19/70** (2014.01); **H04N 19/85** (2014.01); **H04N 19/91** (2014.01)

CPC (source: EP KR US)  
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TW 97112868 A 20080409; US 59524208 A 20080408